



**NATIONAL  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Kentucky experienced widespread precipitation on the southern border and warmer temperatures for the week. There were 5.4 days suitable for fieldwork out of the possible 7 days. Farm activities of cutting, curing and housing of tobacco, and cutting hay were wrapped around the week's showers. **Topsoil moisture** was rated as 9 percent very short, 29 percent short, 56 percent adequate, and 6 percent surplus. **Subsoil moisture** was rated 7 percent very short, 28 percent short, 60 percent adequate, and 5 percent surplus.

**CORN:** The corn harvest has begun in earnest in the western third of the State. Optimism remains high based on early reported yields. The corn condition reported was mostly good to excellent with 1 percent rated poor, 10 percent fair, 44 percent good, and 45 percent excellent. Ninety-seven percent of the corn acreage was in the dent stage, just behind both the previous year's 98 percent and the five year average of 99 percent. Sixty-one percent of the corn acreage was considered mature, behind both the 83 percent for the previous year and the five year average of 88 percent. Twelve percent of the corn acreage was reported harvested compared to last year's 21 percent and the five year average of 38 percent.

**SOYBEANS:** Soybean condition was rated 1 percent poor, 16 percent fair, 48 percent good, and 35 percent excellent. Several reporters noted that prior concern over double crop yields have eased somewhat because of the recent rains. As of Sunday, September 20, 41 percent of soybeans were shedding leaves, slightly ahead of last year's 39 percent, but behind the 44 percent for the five year average.

**TOBACCO:** Tobacco condition is mostly good to excellent with 1 percent rated very poor, 4 percent poor, 14 percent fair, 53 percent good, and 28 percent excellent. Sixty-nine percent of burley tobacco has been cut, behind both the 79 percent

cut last year, and 81 percent for the five year average. Sixty-four percent of the dark tobacco has been cut, compared to 73 percent last year and the five year average of 75 percent. Sixteen percent of housed tobacco showing houseburn was rated as 9 percent light, 6 percent moderate and 1 percent heavy.

**OTHER CROPS AND PASTURE:** The hay harvest was curtailed the past week due to the change in the weather. Several reporters indicate there was enough hay from previous cuttings to make it through the winter. Hay remains in mostly good to excellent condition with 1 percent very poor, 8 percent poor, 22 percent fair, 50 percent good, and 19 percent excellent. Pasture condition was rated as 2 percent very poor, 7 percent poor, 26 percent fair, 47 percent good, and 18 percent excellent.

**CROP PROGRESS for week ending 09/20/09**

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Dent	97	92	98	99
Corn Mature	61	44	83	88
Corn Harvested	12	6	21	38
Soybeans Dropping Leaves	41	18	39	44
Burley Tobacco Cut	69	65	79	81
Dark Tobacco Cut	64	55	73	75

**SOIL MOISTURE for week ending 09/20/09**

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	9	29	56	6
Subsoil	7	28	60	5

**CROP CONDITIONS for week ending 09/20/09**

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Corn	0	1	10	44	45
Soybeans	0	1	16	48	35
Pasture	2	7	26	47	18
Hay Crops	1	8	22	50	19
Tobacco	1	4	14	53	28

# KENTUCKY WEATHER SUMMARY, SEPTEMBER 14 - 20, 2009:

Above normal temperatures and slightly above normal rainfall:

A stalled low pressure system parked over Louisiana and provided scattered showers and thunderstorms for most of the workweek along the Kentucky/Tennessee border, but little rainfall for the remainder of the Bluegrass state, until Sunday when the low moved to the northeast and heavy rainfall occurred for many sections in the state. This was the first week with above normal temperatures and rainfall in the past month.

Temperatures for the period averaged 71 degrees across the state which was 3 degrees above normal. High temperatures averaged from 81 in the West to 79 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree above normal in the East. Low temperatures averaged from 65 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 5 degrees above normal in the East.

Rainfall for the period totaled 0.96 inches statewide which was 0.09 inches above normal. Rainfall totals by climate division, West 1.36 inches, Central 1.28 inches, Bluegrass 0.68 inches and East 0.63 inches, which was +0.47, +0.17, -0.23 and -0.18 inches respectively from normal. By station, rainfall totals ranged from a low of 0.12 inches at Henderson to a high of 2.24 inches at London.

Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 20, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
		(Inches)				(Degrees Fahrenheit)						
Bardstown	1.09	29.67	2.32	+6.60	-0.83	85	55	71.3	+4	147	3290	+48
Berea	0.86	20.46	2.35	-3.64	-1.35	81	50	68.4	+2	127	3070	-285
Bowling Green	1.38	32.78	3.94	+8.62	+0.55	85	59	74.4	+7	169	3612	+227
Bristol	0.52	21.21	2.12	+0.81	-0.87	84	54	70.5	+4	142	3184	+64
Buckhorn Lake	0.38	20.66	2.20	-2.28	-1.18	80	53	69.2	+3	131	3021	+74
Cape Girardeau	0.79	17.61	1.83	-4.89	-1.45	85	58	73.9	+5	166	3523	-16
Campbellsville	0.89	25.94	2.82	-1.18	-1.45	82	55	71.1	+4	146	3184	-141
Covington	0.70	24.52	1.76	+3.14	-1.02	85	54	69.7	+3	137	3099	+28
Cumberland Gap	0.14	23.49	2.37	-1.31	-0.80	83	57	71.2	+5	146	3215	+125
Dix Dam	1.08	20.14	1.53	-3.62	-1.75	83	54	70.1	+4	139	3120	-173
Evansville	0.43	26.23	3.76	+4.84	+0.98	84	57	71.8	+3	150	3460	+74
Glasgow	1.26	28.27	2.77	+2.13	-0.86	87	59	74.2	+7	167	3552	+257
Grayson	0.30	22.32	2.55	+0.15	-0.25	80	51	68.4	+2	127	2974	+57
Hardinsburg	0.61	30.01	1.29	+6.06	-2.12	85	57	72.6	+5	157	3312	-93
Henderson	0.12	20.83	1.16	-1.34	-1.96	86	57	72.5	+3	155	3298	-118
Huntington	0.15	24.98	0.43	+2.68	-2.45	84	53	69.6	+3	136	3140	+39
Jackson	0.40	31.58	2.05	+7.57	-1.33	80	59	70.4	+4	141	3157	+210
Lexington	1.72	30.61	2.81	+7.54	-0.34	82	56	69.8	+3	138	3209	+88
London	2.24	30.80	3.20	+8.61	+0.03	82	56	70.8	+4	143	3263	+193
Louisville	1.34	31.84	1.72	+9.37	-1.30	86	57	72.5	+5	155	3493	+76
Mayfield	0.75	19.52	2.60	-4.88	-1.04	83	65	74.1	+5	167	3418	-48
Nashville	5.12	30.49	5.56	+7.97	+2.39	83	65	73.8	+6	166	3741	+101
Nolin Lake	0.45	28.32	1.42	+2.78	-2.36	83	59	72.8	+5	157	3271	+120
Paducah	0.88	29.42	3.75	+5.43	+0.43	83	60	73.6	+4	163	3645	+137
Princeton	0.79	30.85	1.53	+6.72	-1.72	84	60	73.8	+5	166	3501	+4
Quicksand	0.34	24.12	1.44	+0.11	-1.94	81	54	70.1	+4	138	3156	+209
Somerset	0.82	22.97	1.89	-2.17	-1.79	84	55	71.1	+5	145	3140	-41
Spindletop	0.90	28.19	2.50	+5.12	-0.65	81	55	69.0	+3	133	3145	+24
Williamstown	1.62	30.57	2.64	+7.85	-0.45	80	52	67.6	+1	122	2992	-129

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>